

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060915\
 Data File : BG017594.D
 Acq On : 10 Jun 2015 5:00
 Operator : TP/IZ
 Sample : G2499-01RE 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-002-ARE

Manual Integrations
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Quant Time: Jun 10 07:04:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 05:08:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	21106	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	87093	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	54495	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	114557	20.00	ng	-0.01
75) Chrysene-d12	21.20	240	137966	20.00	ng	0.00
86) Perylene-d12	23.42	264	146046	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	20011	16.70	ng	0.00
7) Phenol-d6	6.78	99	72996	44.73	ng	0.00
23) Nitrobenzene-d5	8.74	82	59924	34.35	ng	0.00
41) 2,4,6-Tribromophenol	15.76	330	1611	2.13	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	128104	35.46	ng	0.00
78) Terphenyl-d14	19.64	244	197141	29.53	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	7.82	79	42865	28.21	ng	91
49) Dimethylphthalate	13.71	163	26341	5.55	ng	98
70) Phenanthrene	17.04	178	82998	12.99	ng	98
71) Anthracene	17.13	178	19536	3.06	ng	96
74) Fluoranthene	19.07	202	118736	14.22	ng	97
77) Pyrene	19.43	202	104619	12.31	ng	99
79) Butylbenzylphthalate	20.34	149	12558	3.41	ng	# 86
80) Benzo(a)anthracene	21.18	228	56868	6.70	ng	92
82) Chrysene	21.24	228	57773m	7.52	ng	
83) Bis(2-ethylhexyl)phthalate	21.12	149	31158	5.87	ng	95
85) Indeno(1,2,3-cd)pyrene	25.67	276	25832	2.68	ng	97
87) Benzo(b)fluoranthene	22.75	252	70605	7.63	ng	# 93
88) Benzo(k)fluoranthene	22.79	252	23441m	2.65	ng	
89) Benzo(a)pyrene	23.32	252	50792m	5.98	ng	
91) Benzo(g,h,i)perylene	26.37	276	26662	3.18	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

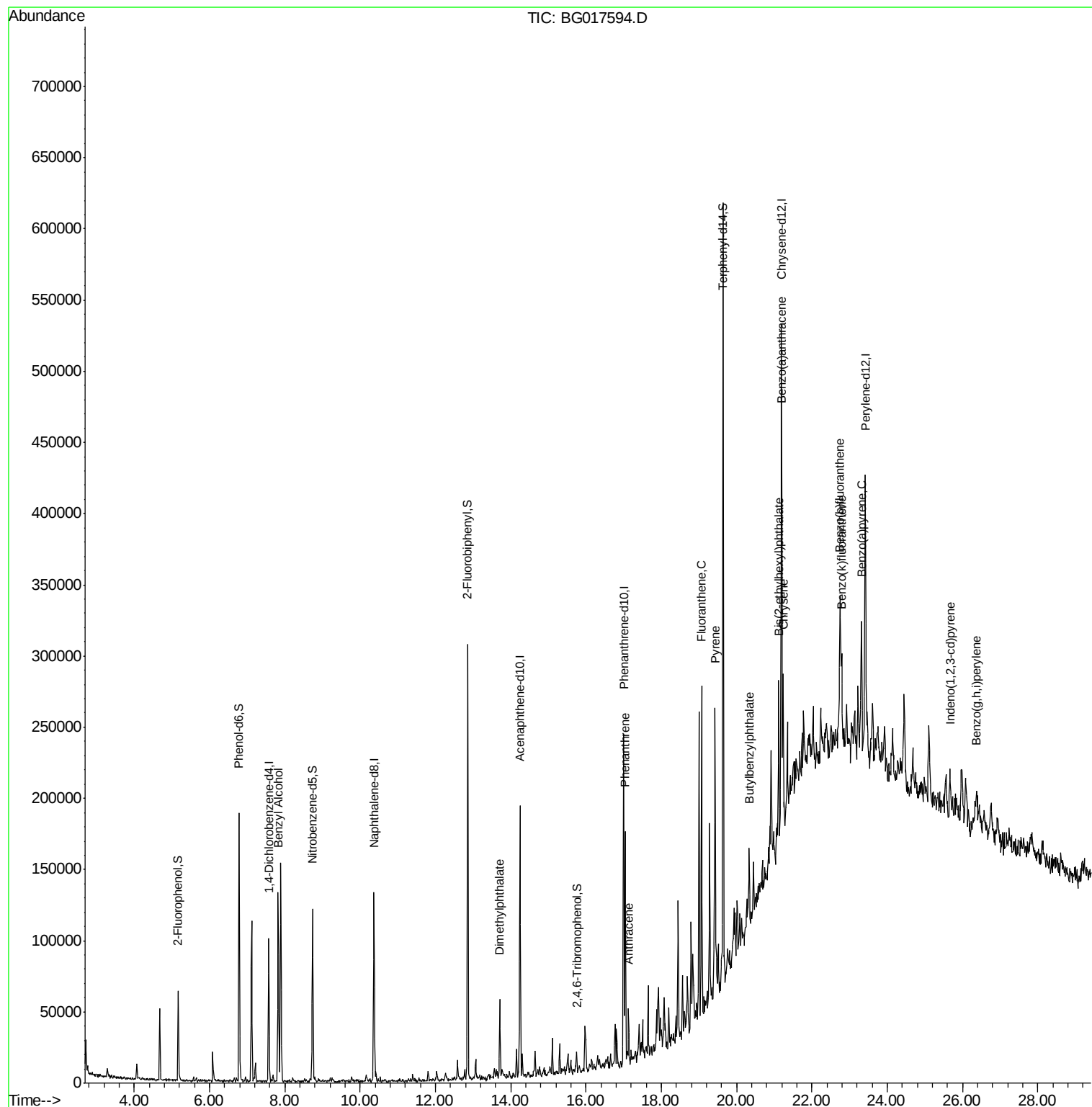
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Data File : BG017594.D
Acq On : 10 Jun 2015 5:00
Operator : TP/IZ
Sample : G2499-01RE 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

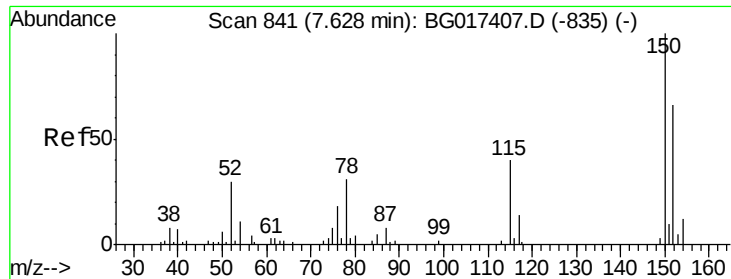
Instrument :
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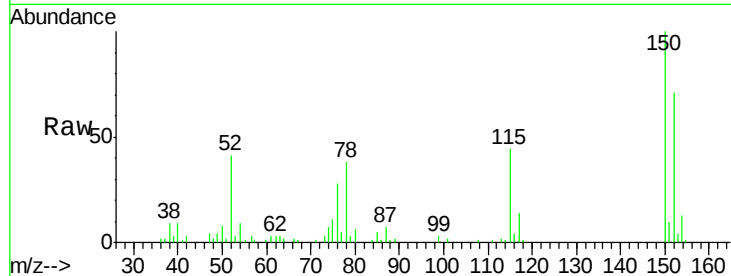
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 05:08:16 2015
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.57 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BG017594.D
 Acq: 10 Jun 2015 5:00

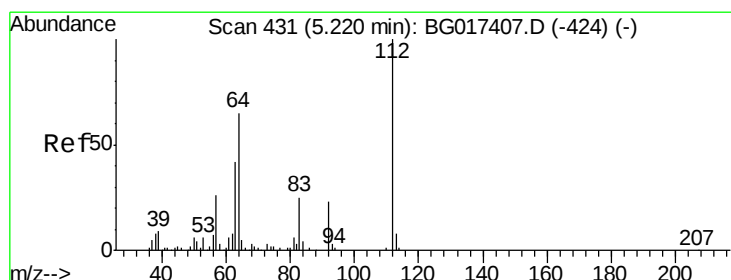
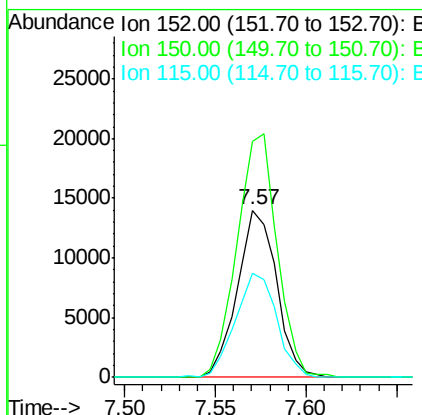
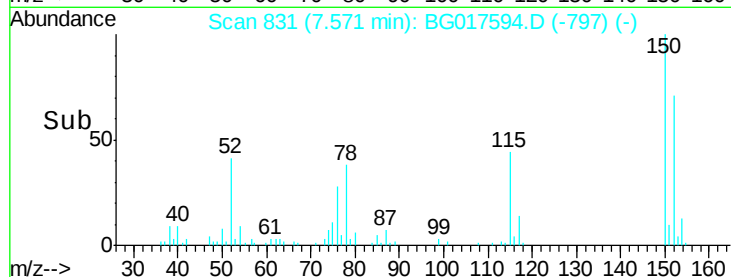
Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-002-ARE



Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.2	121.7	182.5
115	62.4	48.6	73.0

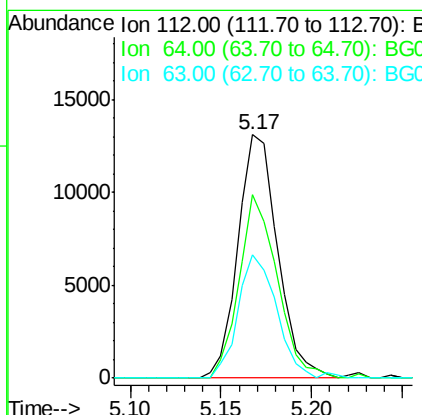
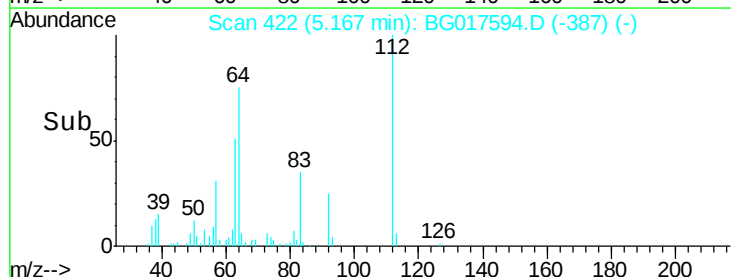
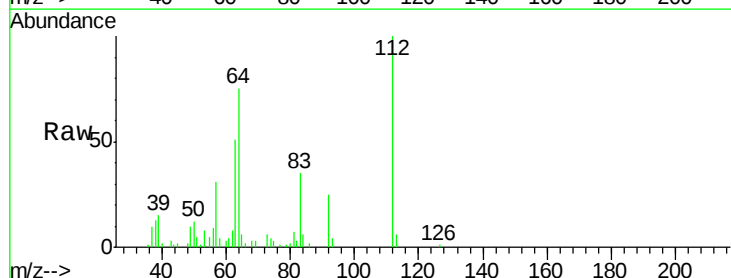
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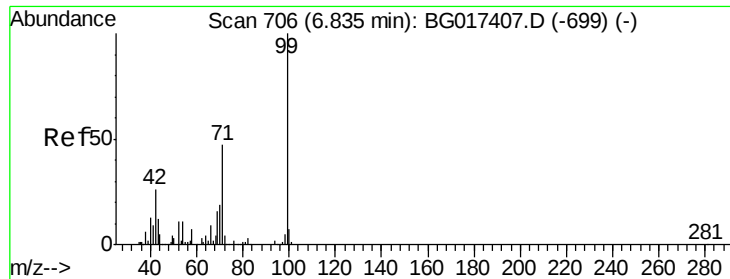
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#5
 2-Fluorophenol
 Concen: 16.70 ng
 RT: 5.17 min Scan# 422
 Delta R.T. 0.01 min
 Lab File: BG017594.D
 Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.5	51.6	77.4
63	50.5	33.3	49.9





#7

Phenol-d6

Concen: 44.73 ng

RT: 6.78 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG017594.D

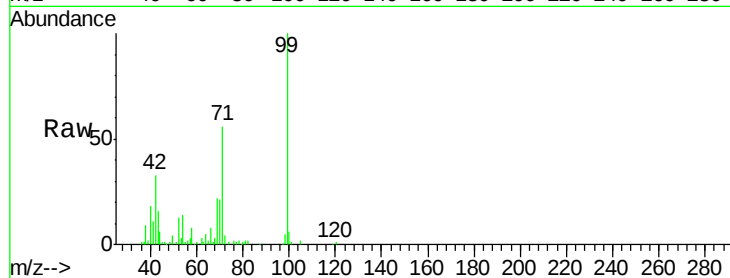
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Instrument :

BNA_G

ClientSampleId :

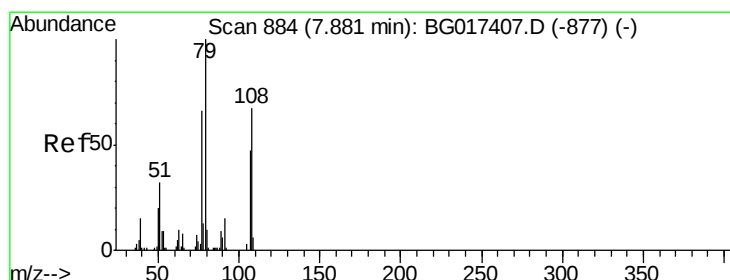
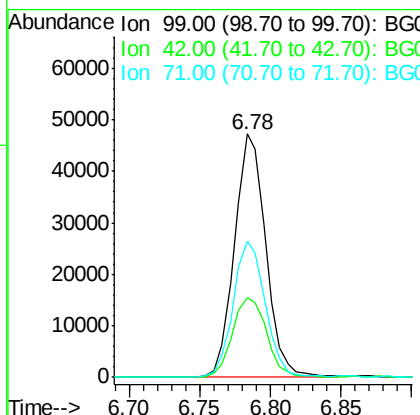
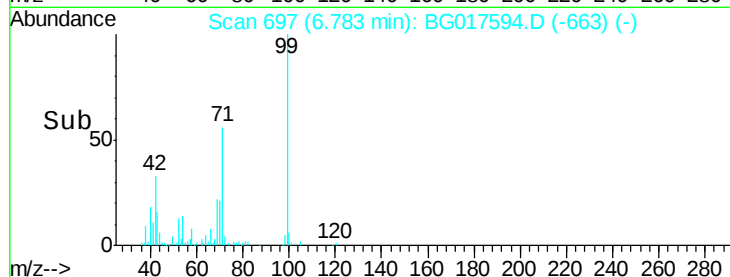
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Tgt Ion:	99	Resp:	72996
Ion Ratio	Lower	Upper	
99	100		
42	32.8	21.0	31.6#
71	55.9	37.2	55.8#

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#15

Benzyl Alcohol

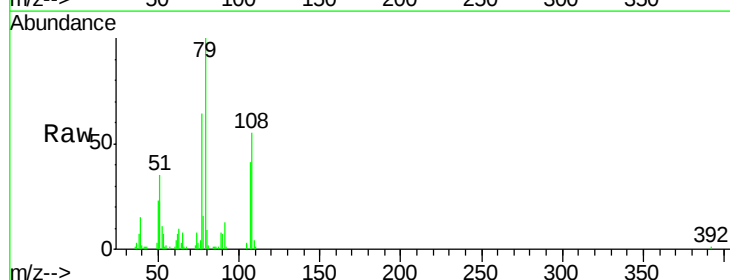
Concen: 28.21 ng

RT: 7.82 min Scan# 874

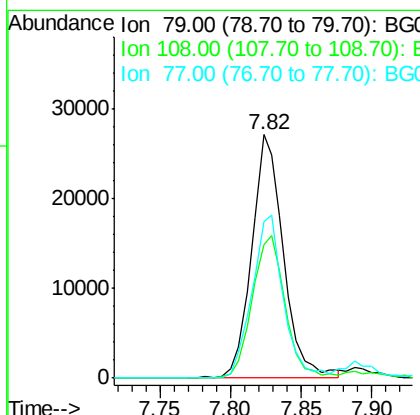
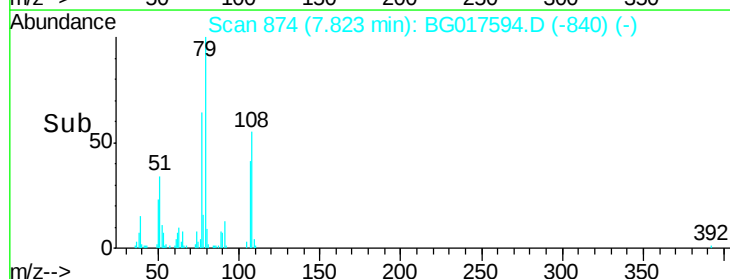
Delta R.T. -0.00 min

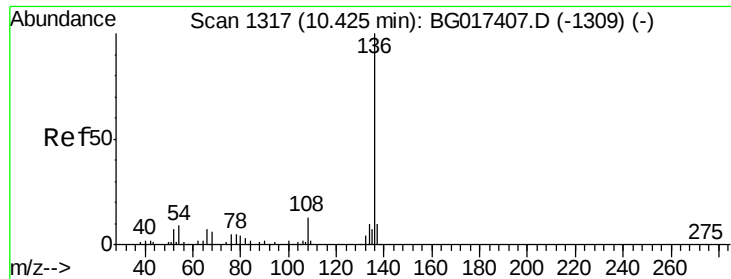
Lab File: BG017594.D

Acq: 10 Jun 2015 5:00



Tgt Ion:	79	Resp:	42865
Ion Ratio	Lower	Upper	
79	100		
108	54.9	53.7	80.5
77	64.4	53.0	79.4





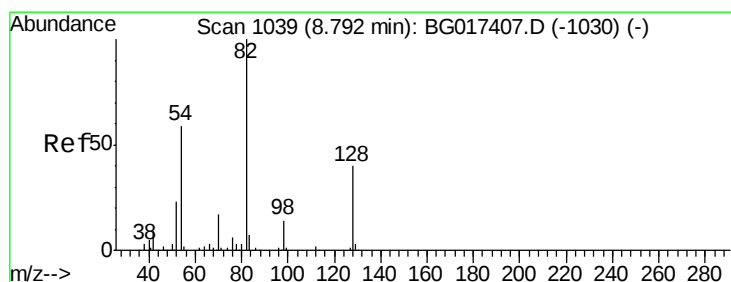
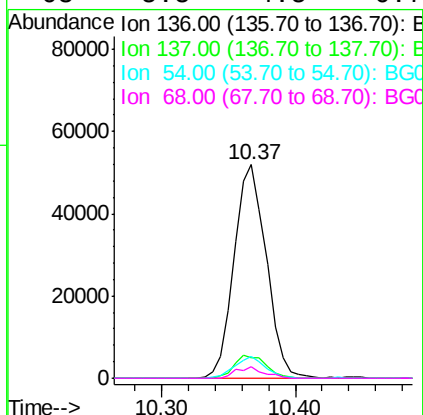
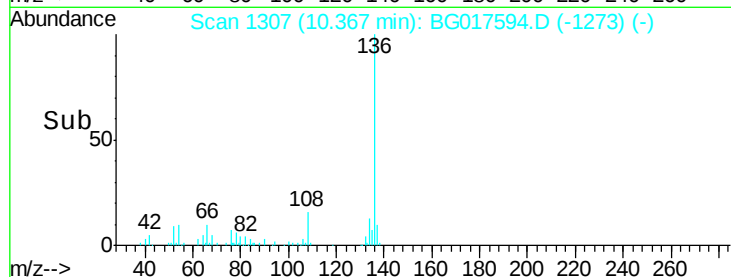
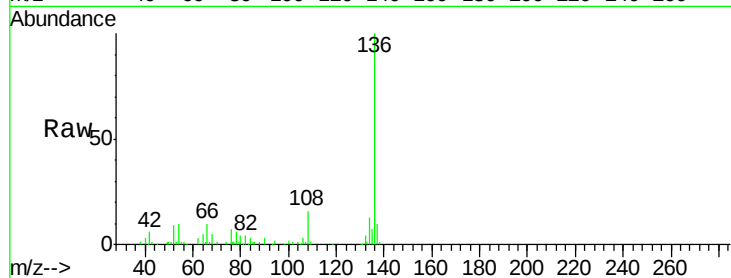
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.37 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-002-ARE

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	87093		
137	9.7	7.9	11.9	
54	10.5	7.2	10.8	
68	5.5	4.5	6.7	

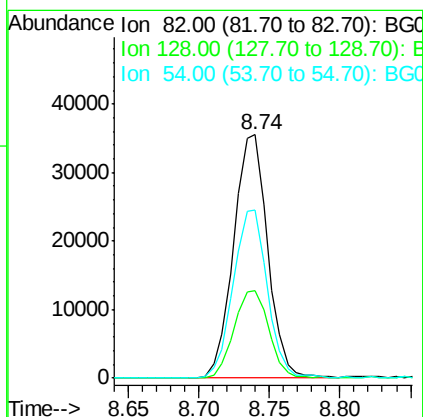
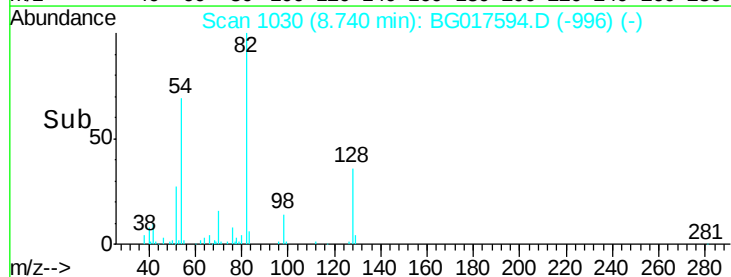
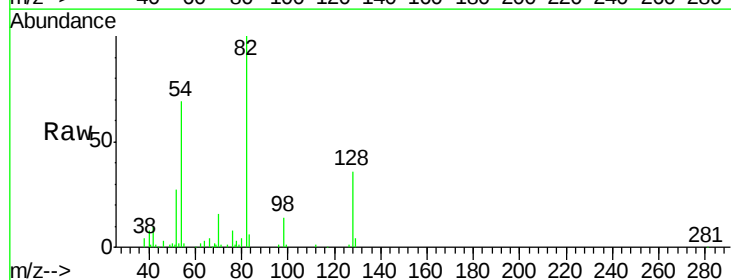
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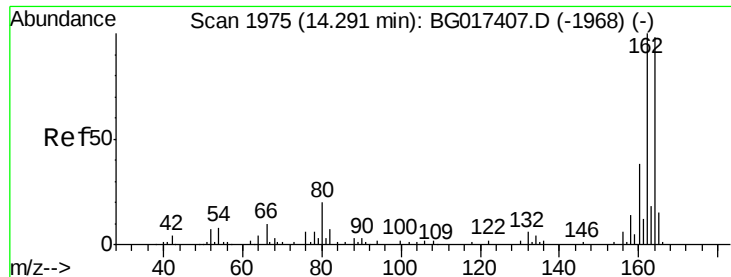
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#23
Nitrobenzene-d5
Concen: 34.35 ng
RT: 8.74 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	59924		
128	35.8	32.2	48.4	
54	68.8	47.4	71.2	





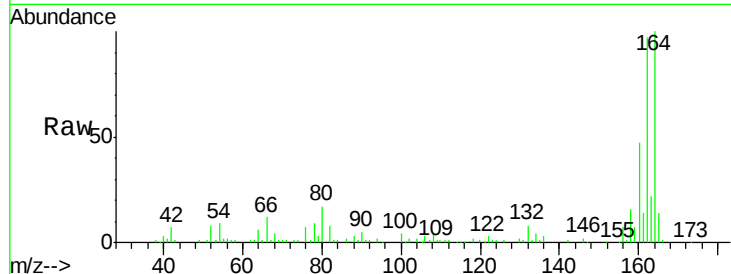
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-002-ARE

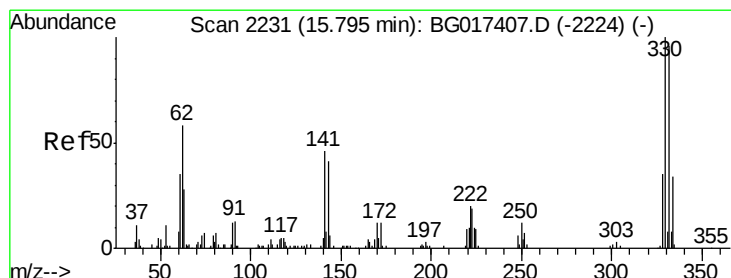
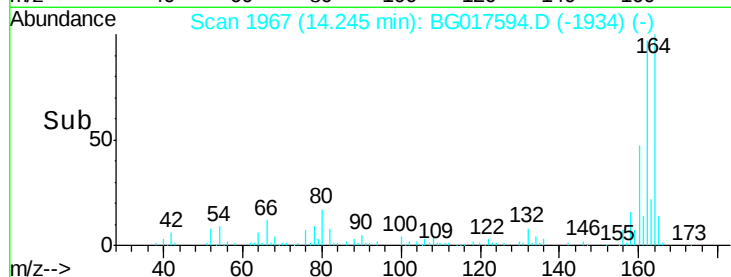
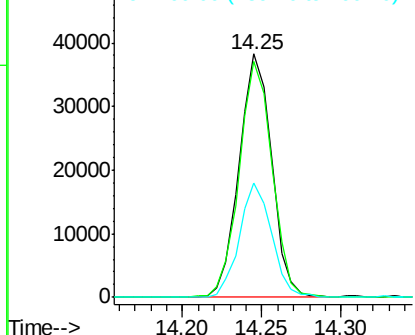
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	54495		
162	96.8	81.8	122.6	
160	47.2	31.0	46.4	

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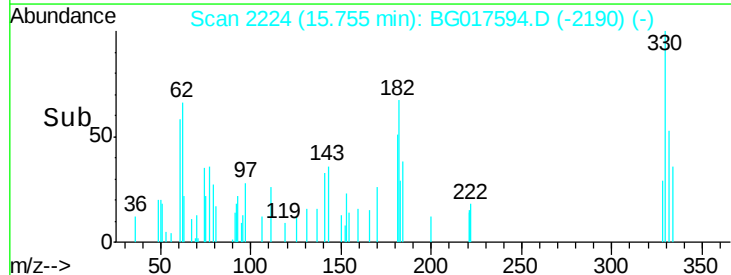
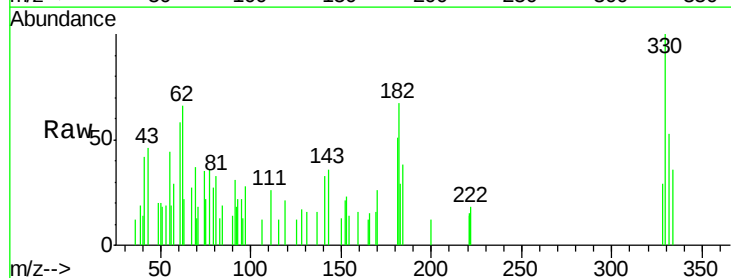
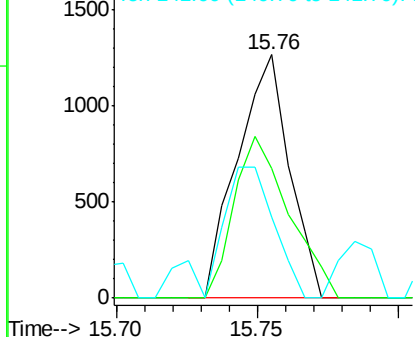
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

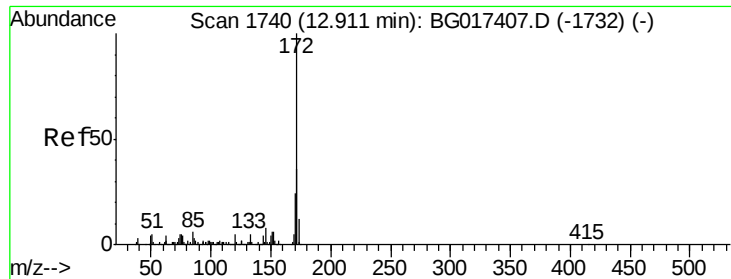


#41
2,4,6-Tribromophenol
Concen: 2.13 ng
RT: 15.76 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	1611		
332	70.5	75.9	113.9	
141	58.8	40.2	60.4	

Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





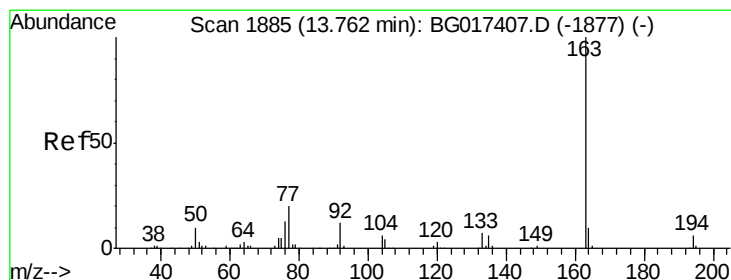
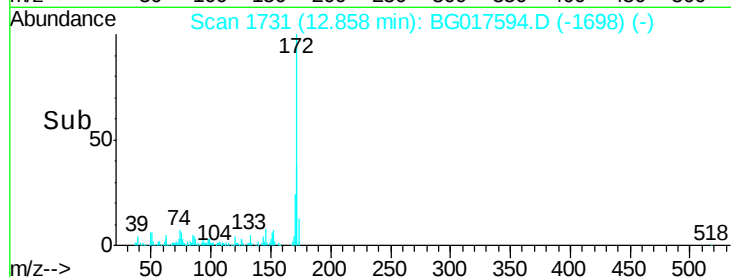
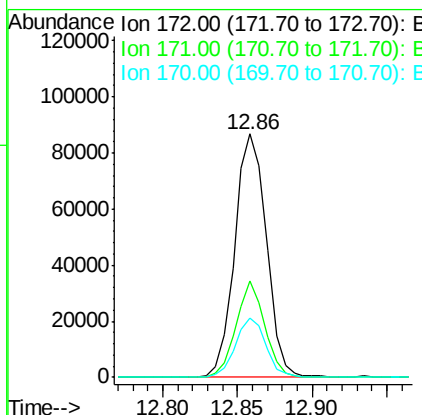
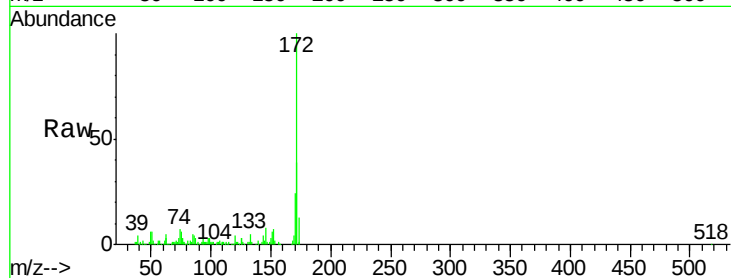
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2-Fluorobiphenyl
Concen: 35.46 ng
RT: 12.86 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-002-ARE

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	39.5	29.0	43.6
170	24.4	18.9	28.3

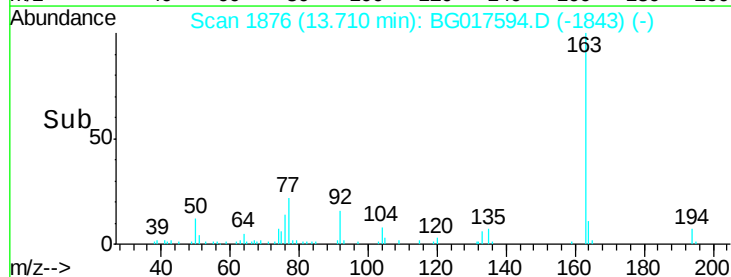
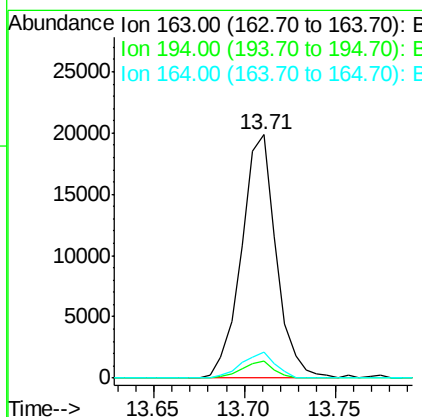
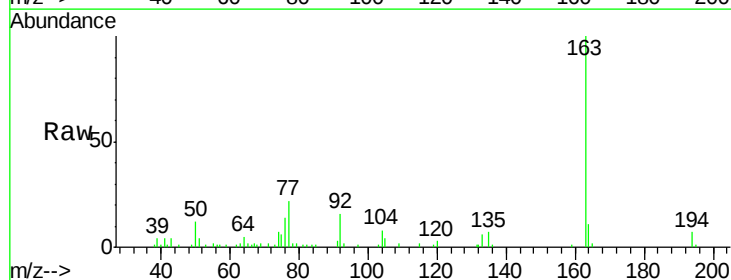
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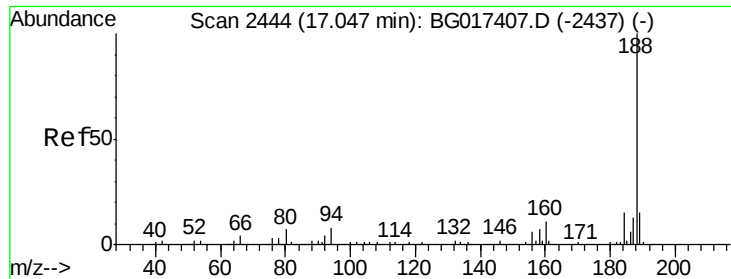
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#49
Dimethylphthalate
Concen: 5.55 ng
RT: 13.71 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	7.1	4.9	7.3
164	10.5	8.2	12.2





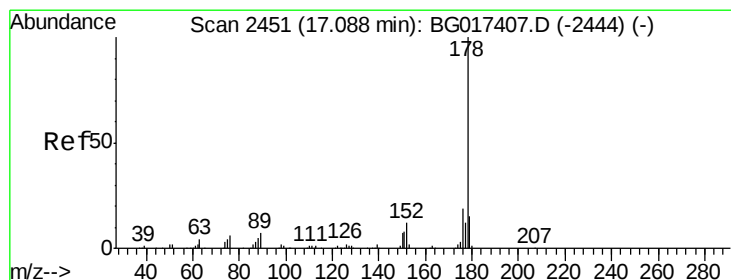
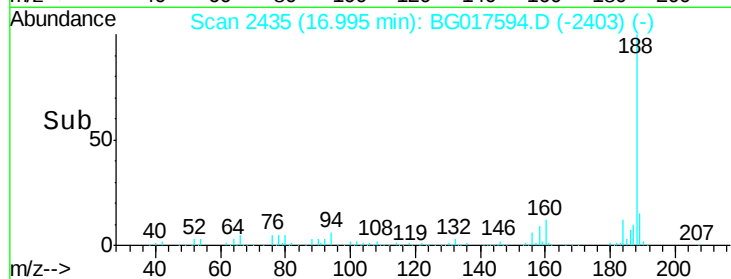
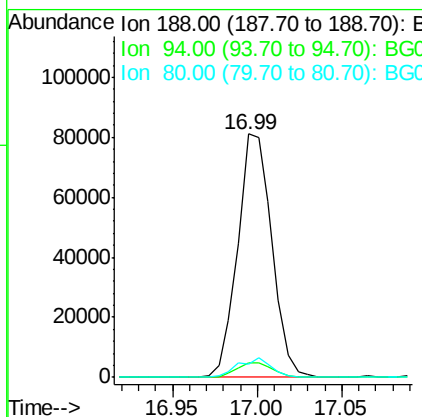
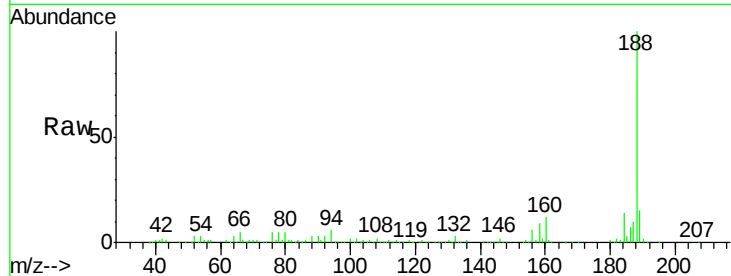
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Instrument :
BNA_G
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FK-SF-02-002-ARE

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	6.1	6.3	9.5#
80	5.4	5.2	7.8

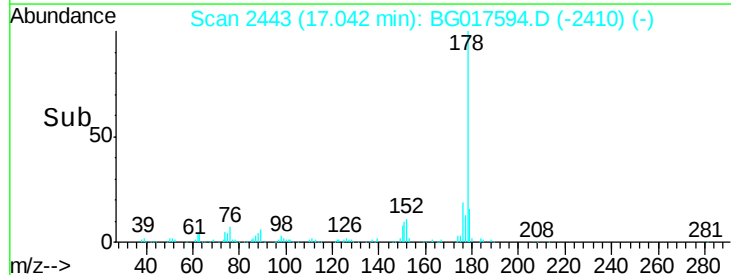
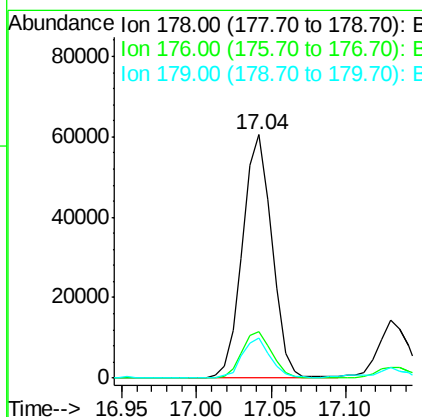
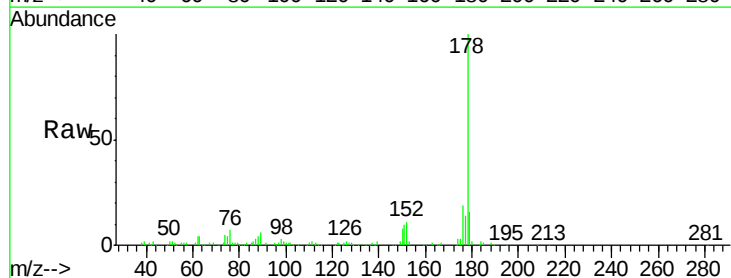
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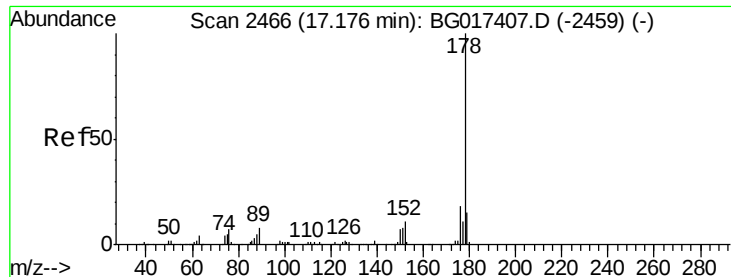
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#70
Phenanthrene
Concen: 12.99 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.01 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.9	15.6	23.4
179	16.5	12.2	18.2





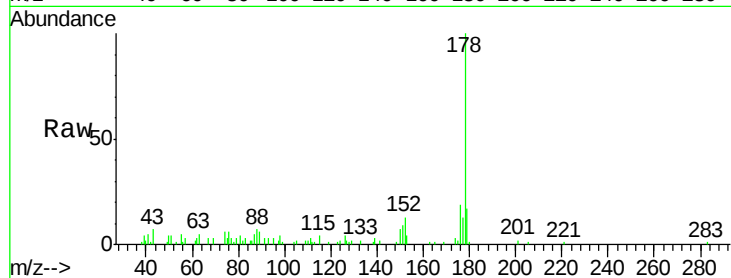
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 Anthracene
 Concen: 3.06 ng
 RT: 17.13 min Scan# 2458
 Delta R.T. -0.01 min
 Lab File: BG017594.D
 Acq: 10 Jun 2015 5:00

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-002-ARE

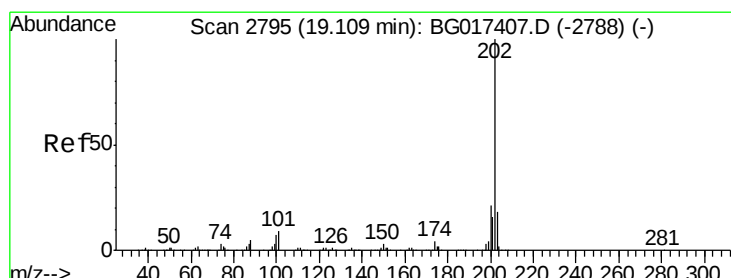
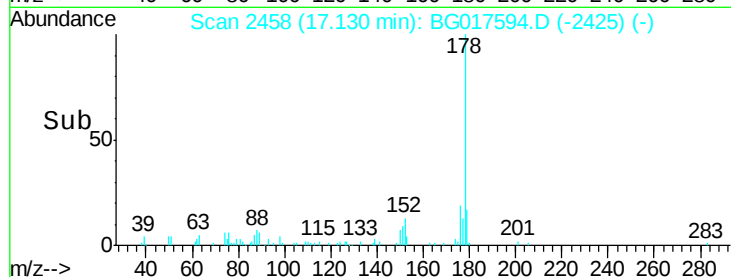
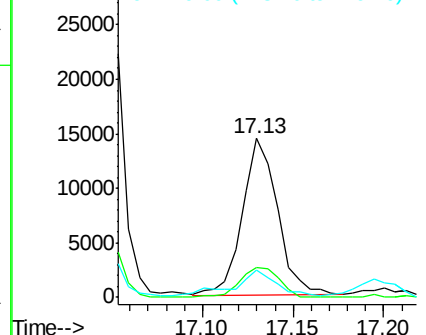
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.2	21.2
179	17.2	12.2	18.4

Manual Integrations
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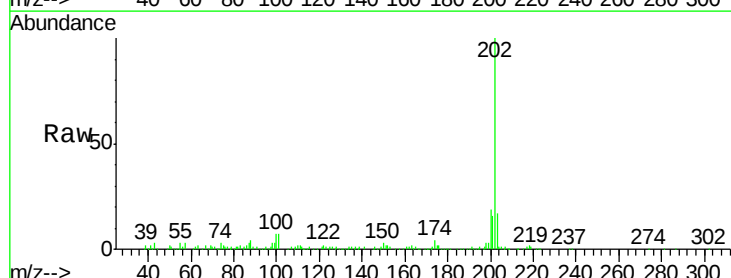


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

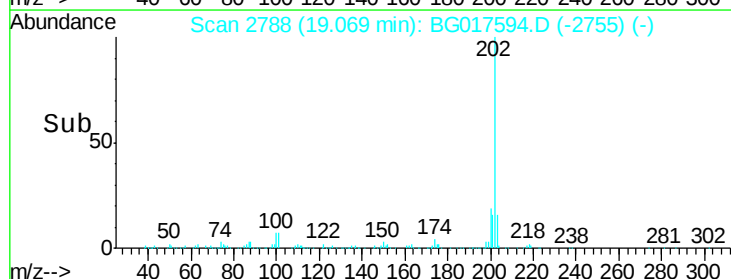
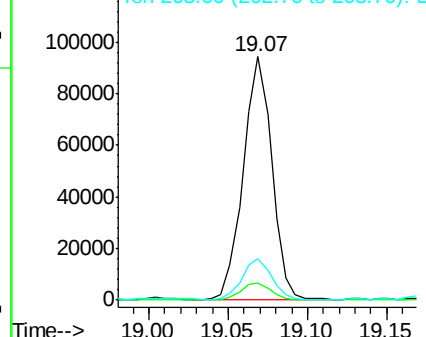


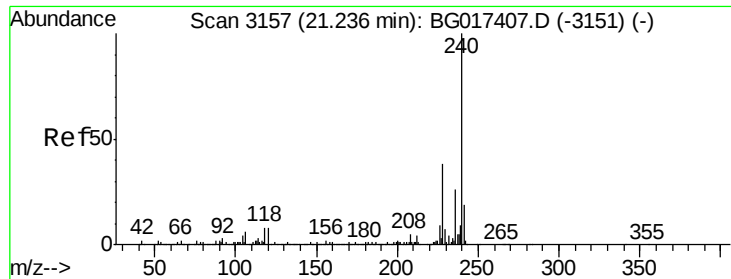
#74
 Fluoranthene
 Concen: 14.22 ng
 RT: 19.07 min Scan# 2788
 Delta R.T. -0.01 min
 Lab File: BG017594.D
 Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.8
203	17.1	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG017594.D

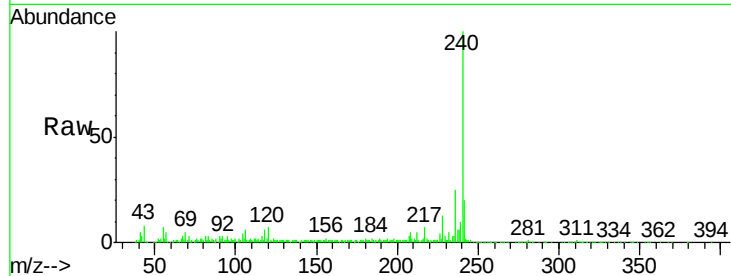
Acq: 10 Jun 2015 5:00

Instrument :

BNA_G

ClientSampleId :

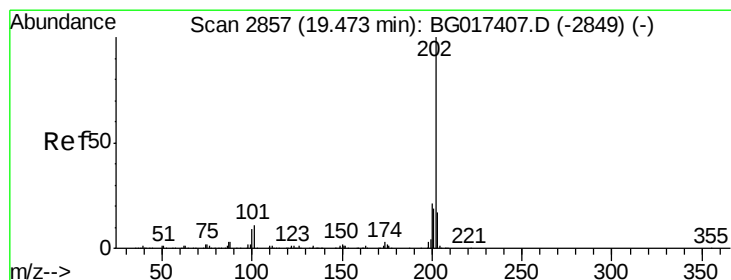
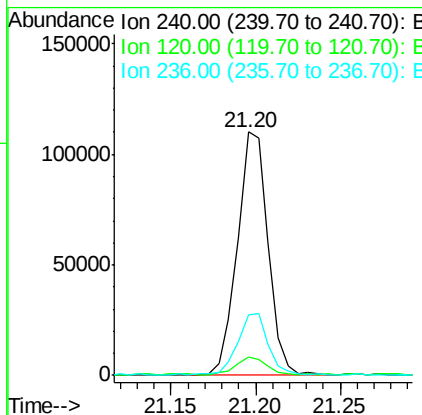
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Tgt Ion	Ratio	Resp	Lower	Upper
240	100			
120	7.3	6.5	9.7	
236	24.7	20.8	31.2	

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#77

Pyrene

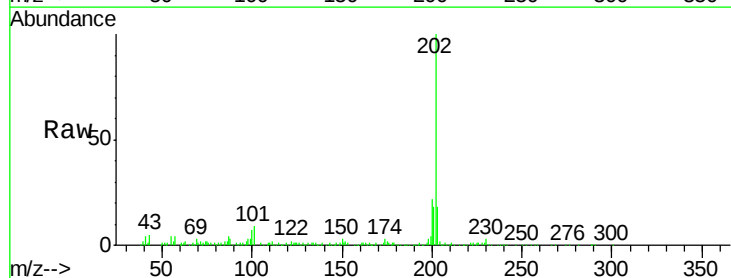
Concen: 12.31 ng

RT: 19.43 min Scan# 2850

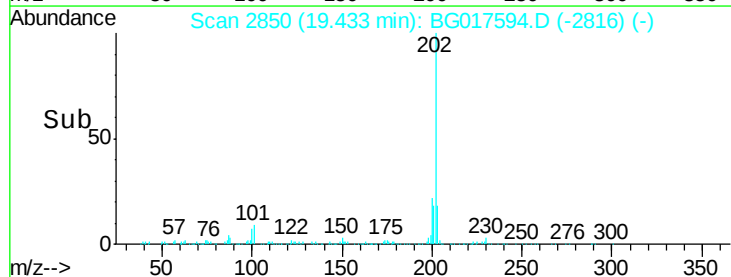
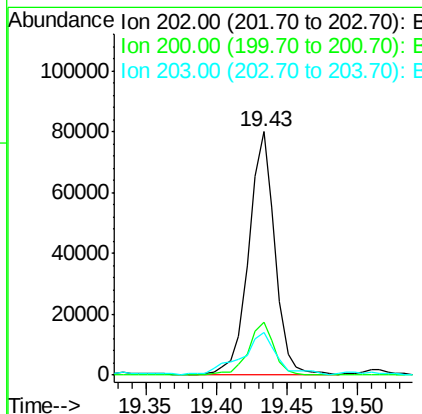
Delta R.T. -0.00 min

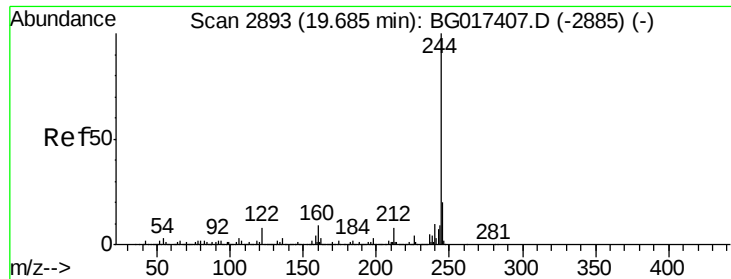
Lab File: BG017594.D

Acq: 10 Jun 2015 5:00



Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.7	17.0	25.4	
203	17.8	13.9	20.9	





#78

Terphenyl-d14

Concen: 29.53 ng

RT: 19.64 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG017594.D

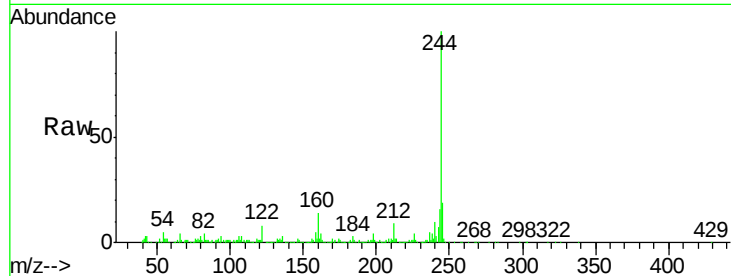
Acq: 10 Jun 2015 5:00

Instrument :

BNA_G

ClientSampleId :

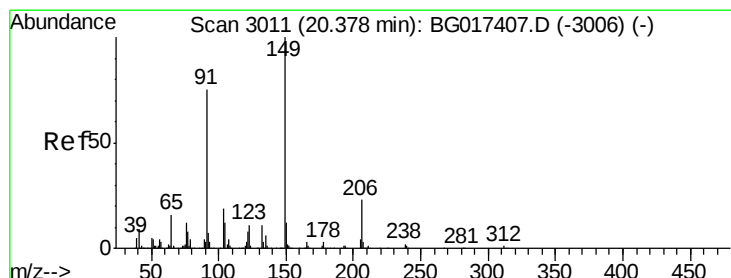
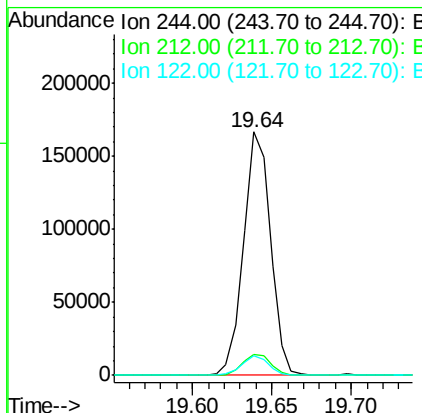
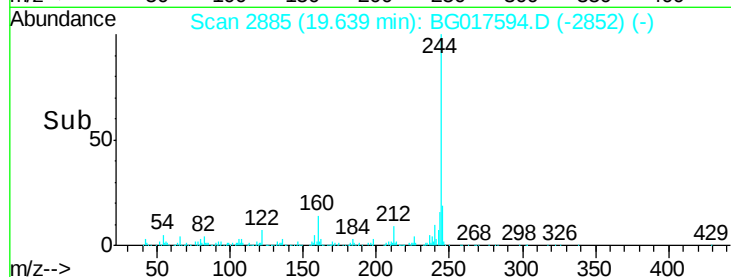
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Tgt Ion	Ratio	Resp	Lower	Upper
244	100	197141		
212	8.7	6.4	9.6	
122	7.9	6.6	10.0	

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#79

Butylbenzylphthalate

Concen: 3.41 ng

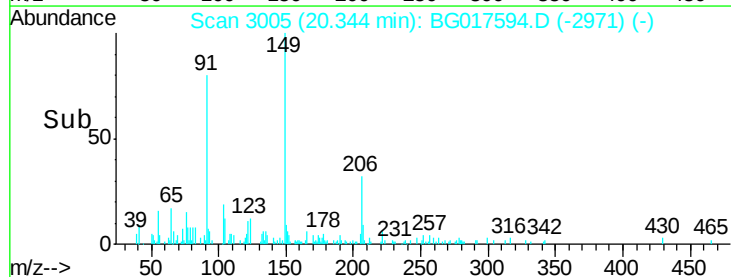
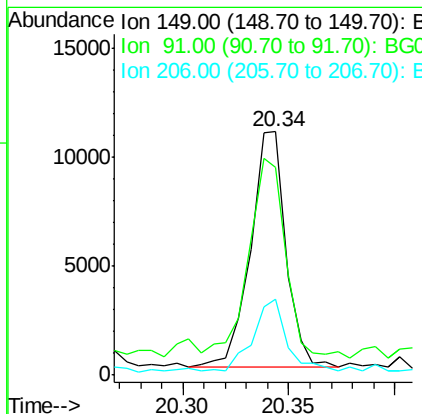
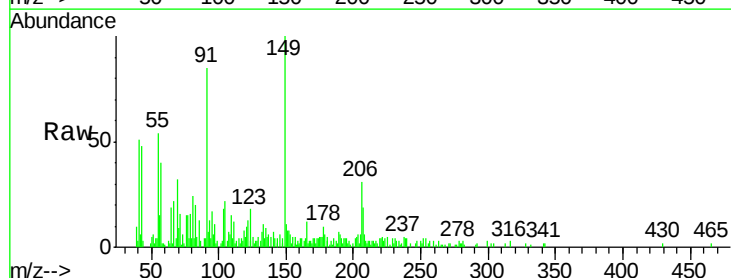
RT: 20.34 min Scan# 3005

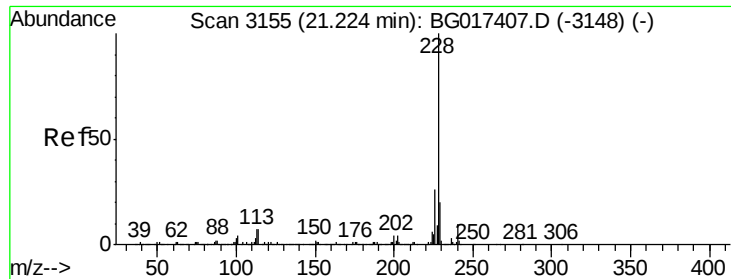
Delta R.T. -0.00 min

Lab File: BG017594.D

Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	12558		
91	85.2	59.8	89.6	
206	31.1	18.2	27.2	





#80

Benzo(a)anthracene

Concen: 6.70 ng

RT: 21.18 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG017594.D

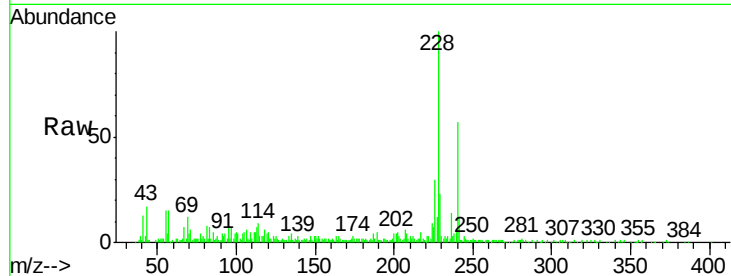
Acq: 10 Jun 2015 5:00

Instrument :

BNA_G

ClientSampleId :

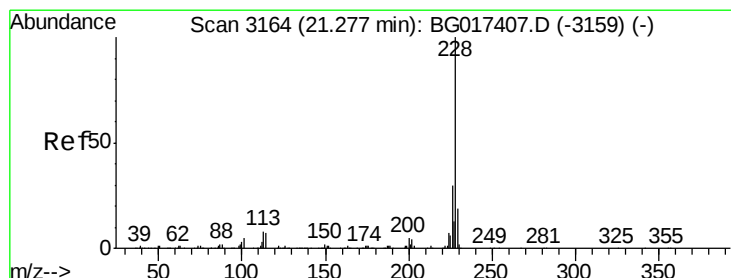
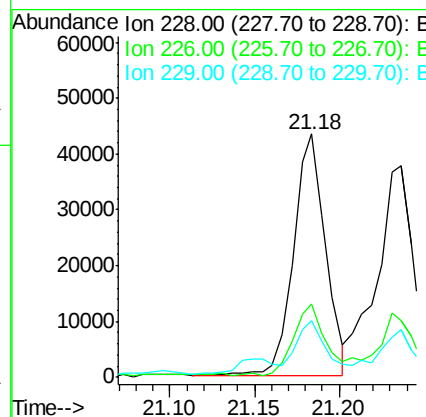
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	56868		
226	30.3	21.0	31.6	
229	23.2	15.7	23.5	

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#82

Chrysene

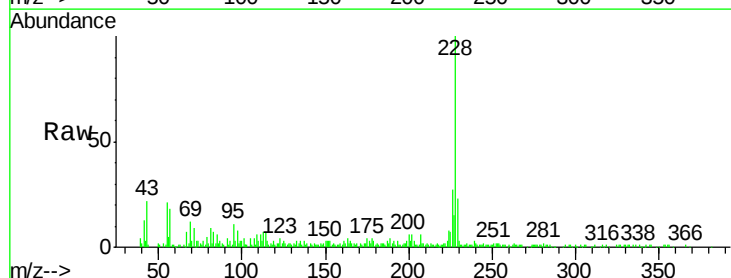
Concen: 7.52 ng m

RT: 21.24 min Scan# 3157

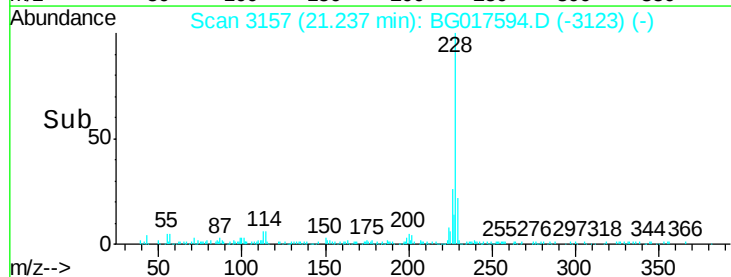
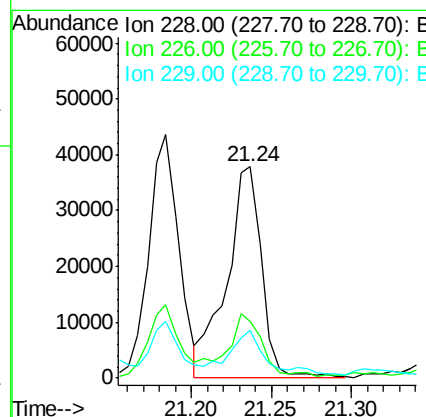
Delta R.T. -0.00 min

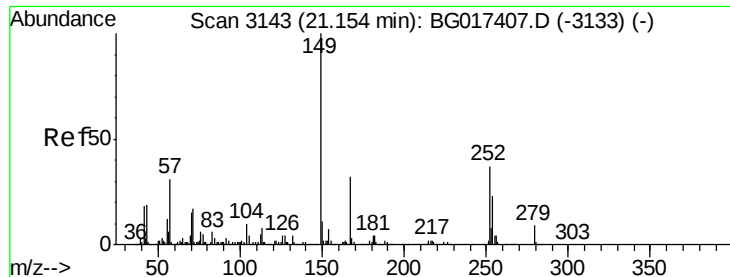
Lab File: BG017594.D

Acq: 10 Jun 2015 5:00



Tgt Ion	Ratio	Resp	Lower	Upper
228	100	57773		
226	26.9	23.7	35.5	
229	22.9	15.2	22.8#	





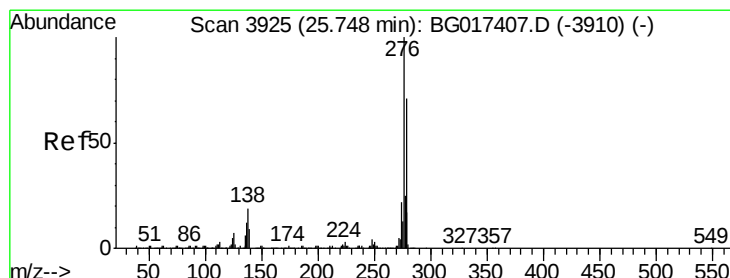
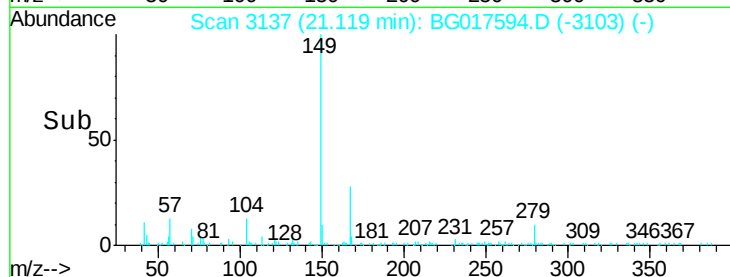
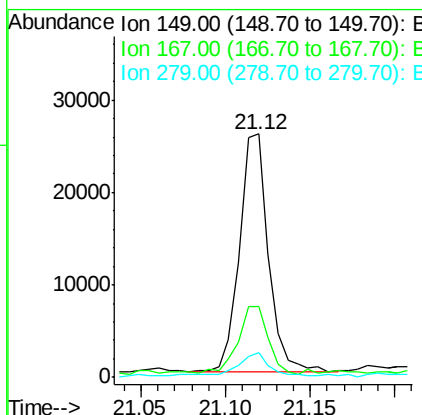
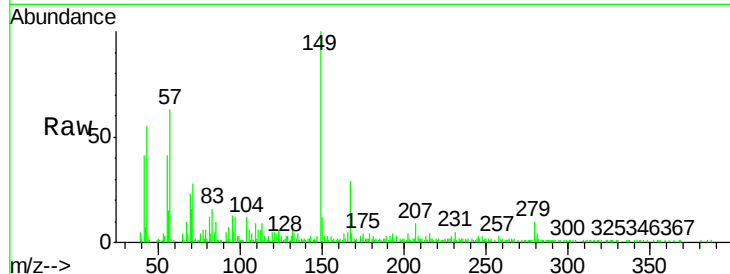
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.87 ng
 RT: 21.12 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG017594.D
 Acq: 10 Jun 2015 5:00

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-002-ARE

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	29.0	25.4	38.2
279	9.9	7.1	10.7

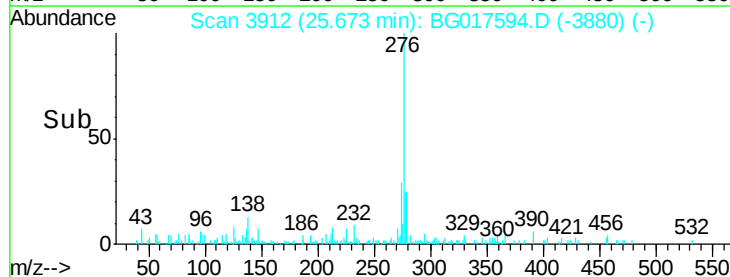
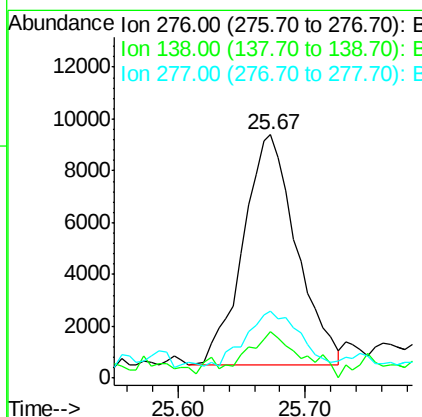
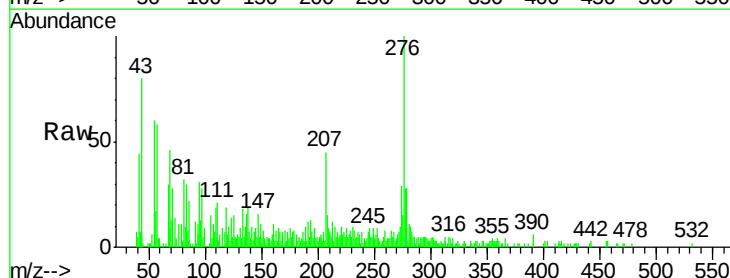
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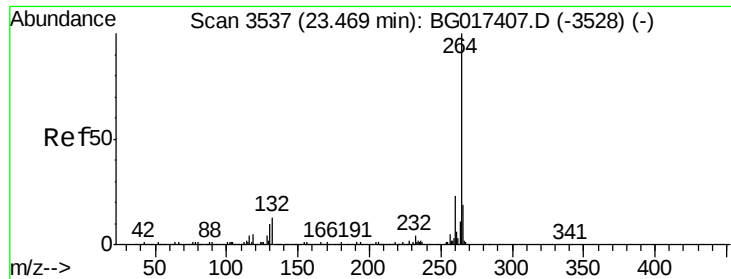
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#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.68 ng
 RT: 25.67 min Scan# 3912
 Delta R.T. -0.01 min
 Lab File: BG017594.D
 Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	19.3	15.4	23.0
277	23.3	20.5	30.7





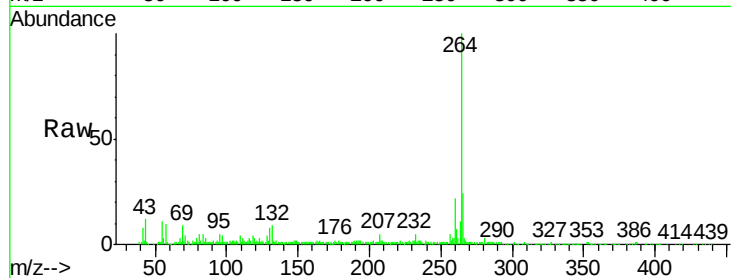
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.42 min Scan# 3528
Delta R.T. -0.01 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Instrument :
BNA_G
ClientSampleId :
FK-SF-02-002-ARE

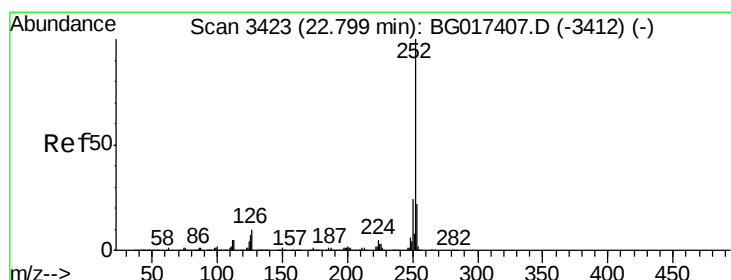
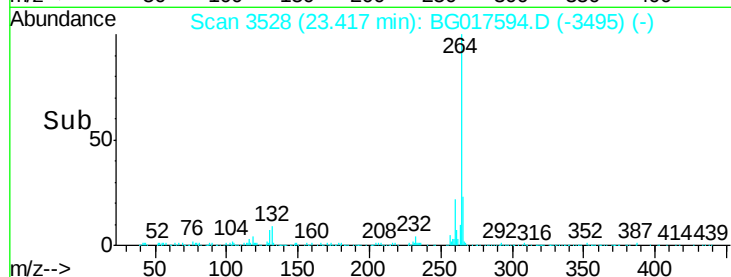
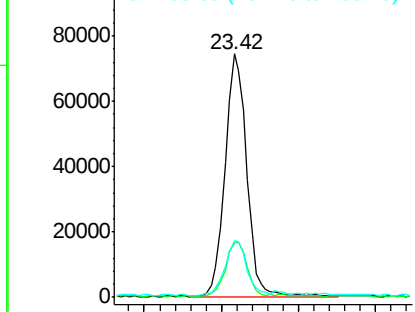
Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.4
265	23.6	15.8	23.6

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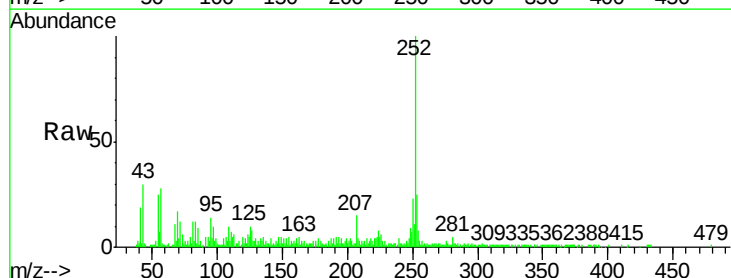


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

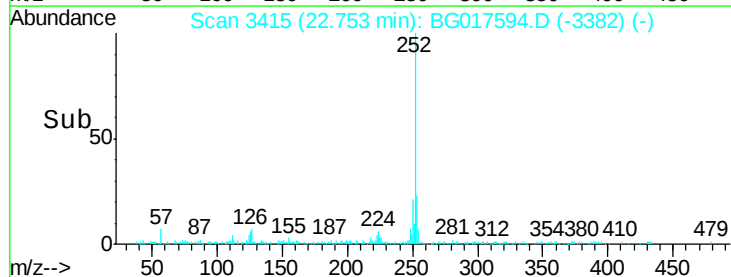
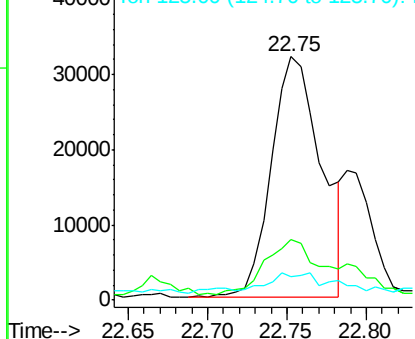


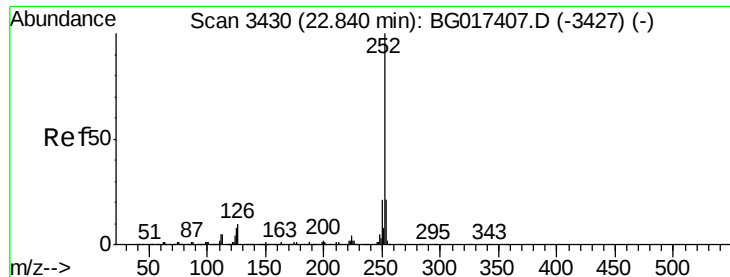
#87
Benzo(b)fluoranthene
Concen: 7.63 ng
RT: 22.75 min Scan# 3415
Delta R.T. -0.01 min
Lab File: BG017594.D
Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.2
125	9.6	5.8	8.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.65 ng m

RT: 22.79 min Scan# 3421

Delta R.T. -0.01 min

Lab File: BG017594.D

Acq: 10 Jun 2015 5:00

Instrument :

BNA_G

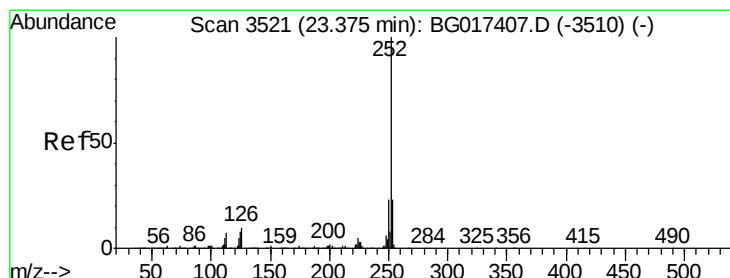
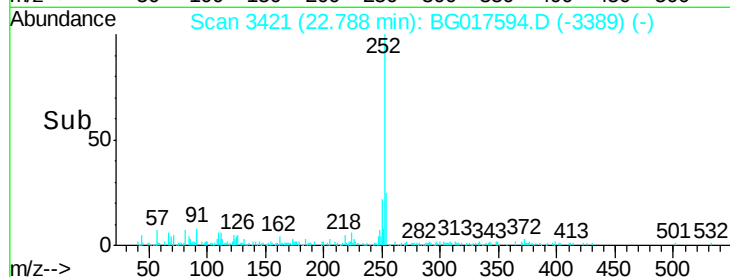
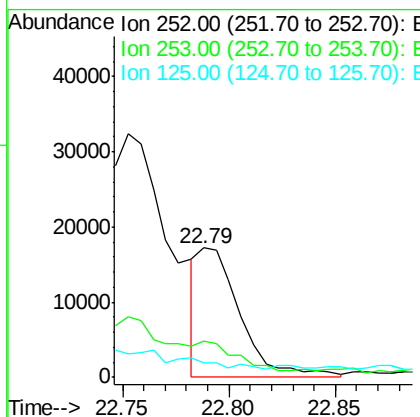
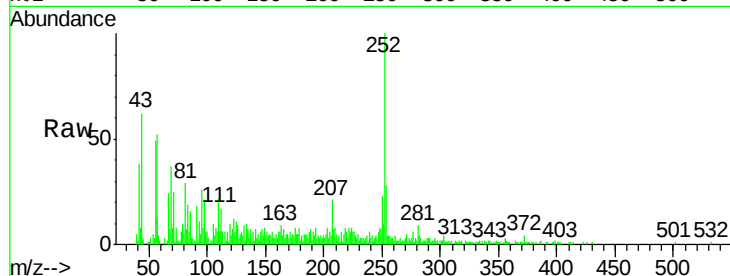
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	17.7	26.5#
125	10.9	6.5	9.7#

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#89

Benzo(a)pyrene

Concen: 5.98 ng m

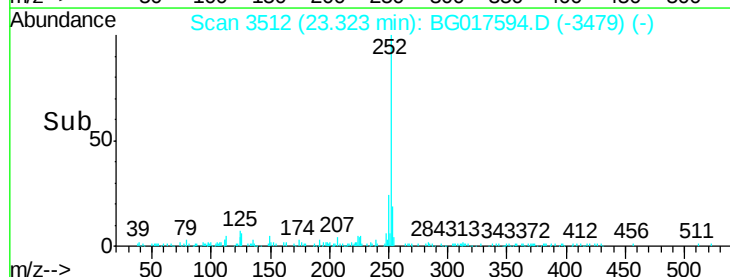
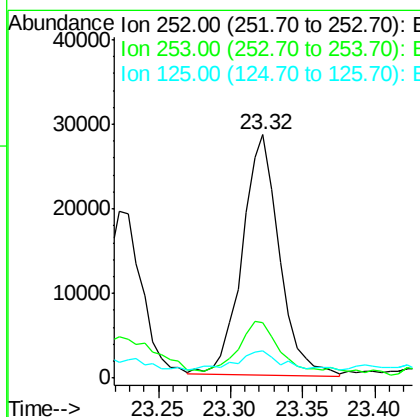
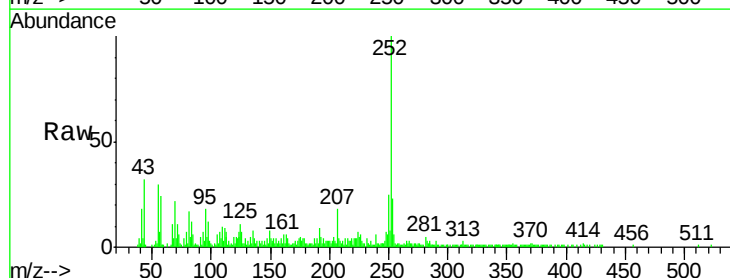
RT: 23.32 min Scan# 3512

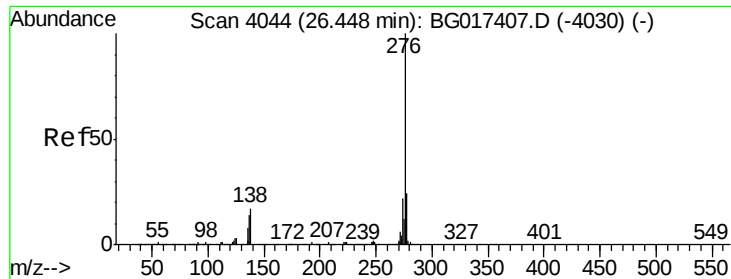
Delta R.T. -0.01 min

Lab File: BG017594.D

Acq: 10 Jun 2015 5:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	11.0	6.5	9.7#





#91
 Benzo(g,h,i)perylene
 Concen: 3.18 ng
 RT: 26.37 min Scan# 4031
 Delta R.T. -0.01 min
 Lab File: BG017594.D
 Acq: 10 Jun 2015 5:00

Instrument :
 BNA_G
 ClientSampleId :
 FK-SF-02-002-ARE

Tgt	Ion	276	Resp:	26662
Ion	Ratio	Lower	Upper	
276	100			
277	25.9	19.2	28.8	
138	16.3	13.5	20.3	

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